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INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 03/34435

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 D06M13/368

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
IPC 7 D06M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 298 584 A (BLANCHARD EUGENE J ET AL) 29 March 1994 (1994-03-29) column 3, line 1 - line 34 column 4, line 16 -column 5, line 21 -----	1-19
X	US 5 139 530 A (BLANCHARD EUGENE J ET AL) 18 August 1992 (1992-08-18) column 2, line 64 -column 3, line 29 column 4, line 5 -column 6, line 5 -----	1-19
X	US 3 807 946 A (HARPER R ET AL) 30 April 1974 (1974-04-30) column 1, line 60 -column 3, line 42; claims -----	1-19

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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- *P* document published prior to the international filing date but later than the priority date claimed

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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- *&* document member of the same patent family

Date of the actual completion of the International search	Date of mailing of the International search report
17 March 2004	23/03/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Koegler-Hoffmann, S

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/US 03/34435

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5298584	A 29-03-1994	NONE	
US 5139530	A 18-08-1992	NONE	
US 3807946	A 30-04-1974	NONE	